

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : William A. Horne et al.
Title : HUMAN BAD POLYPEPTIDES, ENCODING NUCLEIC ACIDS
AND METHODS OF USE
Docket No. : 480140.428D3
Filed : August 3, 2001

Date : August 3, 2001

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

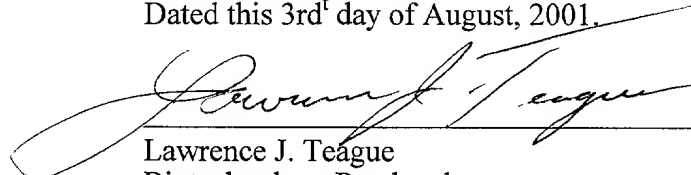
DECLARATION

Sir:

I, Lawrence J. Teague, in accordance with 37 C.F.R. § 1.821(f) do hereby declare that, to the best of my knowledge, the content of the paper entitled "Sequence Listing" and the computer readable copy contained within the floppy disk are the same.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.


Dated this 3rd^t day of August, 2001.



Lawrence J. Teague
Biotechnology Paralegal

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4/17/98
Date


Stephen J. Rosenman

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	William A. Horne and Tilman Oltersdorf
Application No.	:	08/717,123
Filed	:	September 20, 1996
For	:	HUMAN BAD POLYPEPTIDES, ENCODING NUCLEIC ACIDS AND METHODS OF USE
Examiner	:	G. Bugaisky, Ph.D.
Art Unit	:	1814
Docket No.	:	480140.428
Date	:	March 23, 1998

Assistant Commissioner for Patents
2011 Jefferson Davis Highway
Washington, DC 20231

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Sir:

In the matter of the above-identified application, I, Kevin J. Tomaselli, Ph.D., declare that I am the Vice President of Science and Technology of IDUN Pharmaceuticals, Inc., the assignee of the entire interest. Documentary evidence of chain of title from the original owners to IDUN Pharmaceuticals, Inc. has been filed with and recorded by the United States Patent Office at Reel 8362, Frame 0301. The evidentiary documents referred to in the instant Revocation and Power of Attorney have been reviewed by the undersigned; and it is certified that, to the best of IDUN's knowledge and belief, title is in IDUN. I hereby revoke all power of attorney heretofore given and hereby appoint RICHARD W. SEED, Registration No. 16,557; ROBERT J. BAYNHAM, Registration No. 22,846; EDWARD W. BULCHIS, Registration No. 26,847; GEORGE C. RONDEAU, JR., Registration No. 28,893; DAVID H. DEITS, Registration No. 28,066; WILLIAM O. FERRON, JR., Registration No. 30,633; PAUL T. MEIKLEJOHN, Registration No. 26,569; DAVID J. MAKI, Registration No. 31,392; RICHARD G. SHARKEY, Registration No. 32,629; DAVID V. CARLSON, Registration No. 31,153; MAURICE J. PIRIO, Registration No. 33,273; KARL R.

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and direct all telephone calls to Stephen J. Rosenman at (206) 622-4900 and telecopies to (206) 682-6031.

IDUN Pharmaceuticals, Inc.

4/8/08

K. Tomaselli

Date

Kevin J. Tomaselli, Ph.D.
Vice President of Science and Technology

Applicants : William A. Horne and Tilman Oltersdorf
For : HUMAN BAD POLYPEPTIDES, ENCODING NUCLEIC
ACIDS AND METHODS OF USE
Docket No. : 480140.428D2
Date : August 17, 1999

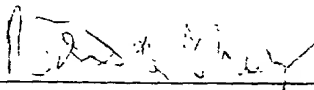
Box Patent Application
Assistant Commissioner for Patents
Washington, DC 20231

APPOINTMENT OF ASSOCIATE POWER OF ATTORNEY

Sir:

I, Richard G. Sharkey, attorney of record in the above-identified application, appoint as associate attorney William T. Christiansen, Ph.D., Registration No. P-44,614, of the firm of Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, Washington 98104-7092.

Respectfully submitted,
William A. Horne and Tilman Oltersdorf
SEED and BERRY LLP



Richard G. Sharkey
Registration No. 32,629

WTC:rap

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My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled HUMAN BAD POLYPEPTIDES, ENCODING NUCLEIC ACIDS AND METHODS OF USE, the specification of which

X was filed on September 20, 1996, Attorney
Docket No. P-ID 1929) as Application Serial No.
08/717,123 and was amended on (or amended
through) _____.

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

Figure 1 consists of 12 bar charts, labeled (a) through (l), arranged in a 4x3 grid. Each chart displays the percentage of total protein for various protein types (A, B, C, D, E, F, G, H, I, J, K, L) across different conditions (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12). The y-axis for all charts is 'Percentage of total protein' ranging from 0 to 100. The x-axis for all charts is 'Protein type' with categories A, B, C, D, E, F, G, H, I, J, K, L. The bars are color-coded by fraction: A (white), B (light gray), C (medium gray), D (dark gray), E (black), F (white), G (light gray), H (medium gray), I (dark gray), J (black), K (white), L (light gray). The data is summarized in the following table:

Chart	Protein Type	Condition 1	Condition 2	Condition 3	Condition 4	Condition 5	Condition 6	Condition 7	Condition 8	Condition 9	Condition 10	Condition 11	Condition 12
(a)	A	10	20	30	40	50	60	70	80	90	100	110	120
	B	10	20	30	40	50	60	70	80	90	100	110	120
	C	10	20	30	40	50	60	70	80	90	100	110	120
	D	10	20	30	40	50	60	70	80	90	100	110	120
	E	10	20	30	40	50	60	70	80	90	100	110	120
	F	10	20	30	40	50	60	70	80	90	100	110	120
	G	10	20	30	40	50	60	70	80	90	100	110	120
	H	10	20	30	40	50	60	70	80	90	100	110	120
	I	10	20	30	40	50	60	70	80	90	100	110	120
	J	10	20	30	40	50	60	70	80	90	100	110	120
	K	10	20	30	40	50	60	70	80	90	100	110	120
	L	10	20	30	40	50	60	70	80	90	100	110	120
(b)	A	10	20	30	40	50	60	70	80	90	100	110	120
	B	10	20	30	40	50	60	70	80	90	100	110	120
	C	10	20	30	40	50	60	70	80	90	100	110	120
	D	10	20	30	40	50	60	70	80	90	100	110	120
	E	10	20	30	40	50	60	70	80	90	100	110	120
	F	10	20	30	40	50	60	70	80	90	100	110	120
	G	10	20	30	40	50	60	70	80	90	100	110	120
	H	10	20	30	40	50	60	70	80	90	100	110	120
	I	10	20	30	40	50	60	70	80	90	100	110	120
	J	10	20	30	40	50	60	70	80	90	100	110	120
	K	10	20	30	40	50	60	70	80	90	100	110	120
	L	10	20	30	40	50	60	70	80	90	100	110	120
(c)	A	10	20	30	40	50	60	70	80	90	100	110	120
	B	10	20	30	40	50	60	70	80	90	100	110	120
	C	10	20	30	40	50	60	70	80	90	100	110	120
	D	10	20	30	40	50	60	70	80	90	100	110	120
	E	10	20	30	40	50	60	70	80	90	100	110	120
	F	10	20	30	40	50	60	70	80	90	100	110	120
	G	10	20	30	40	50	60	70	80	90	1		

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

CATHRYN CAMPBELL, Registration No. 31,815; CHRISTINE M. BELLAS, Registration No. 34,122; SUSAN M. PERKINS, Registration No. 36,405; RICHARD J. IMBRA, Registration No. 37,643; PAUL C. STEINHARDT, Registration No. 30,806; GREGORY R. HOOK, Registration No. 38,701; DAVID SPOLTER, Registration No. 36,933; DAVID A. GAY, Registration No. 39,200; BARRY S. WILSON, Registration No. 39,431; GREGORY P. EINHORN, Registration No. 38,440; CALVIN A. FAN, Registration No. 38,444; JANE E.R. POTTER, Registration No. 33,332; and DAVID R. PRESTON, Registration No. 38,710. Direct all telephone calls to Cathryn Campbell at telephone no. (619) 535-9001.

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